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Date:

Tuesday, November 10, 2026

Location:

Zio Fraedo's Restaurant
611 Gregory Lane Pleasant Hill, CA 94523

Schedule:

No Host Bar:	**5:30 pm**
Dinner:	**6:15 pm**
Program:	**7:00 pm**

Cost:

$35.00 per person for AMPP Members & guests

Please help us with our planning! * RSVP EARLY *****
Register by: Friday, November 6, 2026

Topic: Riveted Steel Penstock Coating Pilot Project

PG&E has several hydro power generation systems within its service territory that provide clean, reliable, green energy to CA residents. Some penstock pipelines that convey water to the powerhouses are constructed of welded steel segments joined together with riveted steel joints and date back 70-100 years.

A particular challenge in maintaining this legacy infrastructure has been corrosion around the riveted joints. Due to thermal expansion/contraction, freeze/thaw cycles, and internal water pressure, under-film corrosion due to failed external coatings in some places have required more extensive repairs. PG&E has begun a pilot project to identify a coatings approach to minimize external corrosion around rivets.

Speaker: Eric Nelson, P.E. – Expert Corrosion & Coatings Engineer, Applied Technology Services at PG&E

Eric Nelson is a licensed Professional Engineer (Mechanical discipline) and holds the Association of Material Protection and Performance (AMPP) CP4 and CIP2 certifications. Eric currently works as an Expert Corrosion & Coating Engineer with PG&E within the Applied Technologies Lab designing corrosion prevention systems and methodologies for power related infrastructure. He also assist with various integrity management programs utilizing asset risk data and field inspection information to drive decision making.